



Patent

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

Phoenix, Arizona

**Applicant -** Ralph Johnson      **Group:** 2828  
**Serial No. -** 10/026,019      **Examiner:** Tuan M. Nguyen  
**Filed -** 12-20-2001      **Atty Docket No.:** V637-02674 US  
**For -** VERTICAL CAVITY SURFACE EMITTING LASER INCLUDING  
INDIUM AND NITROGEN IN THE ACTIVE REGION

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Box Patent Application  
Assistant Commissioner of Patents  
POB 1450  
Alexandria, VA 22313-1450

Dear Sir:

The following sections are being submitted for this Supplemental Information Disclosure Statement:

1. Preliminary Statements.

Applicant submits herewith additional patents, publications or other information as the result of an International Search Report relative to U. S. application serial number 10/026,055, that he believes may be material to the patentability of the claims under consideration in this application and in respect of which there may be a duty to disclose under 37 C.F.R. § 1.56.

The filing of this Supplemental Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56 (37 C.F.R. § 1.97(h)), or that no other material information exists.

The filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that the references are prior art within the meaning of 35 U.S.C. §§ 102 or 103. Further, any explanation, if provided, is not to be construed as a representation that the references have been thoroughly reviewed. In particular, no representation as to the relevance of any portion of any reference is intended.

The filing of this Supplemental Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

2. Form PTO-1449, List of Prior Art Cited by Applicant, citing no U.S. patents, one foreign patent, and two publications.

3. These references are in addition to those listed in the Information Disclosure Statement and Form PTO 1449 filed with the Patent and Trademark Office on April

RECEIVED  
OCT 16 2003  
TECHNOLOGY CENTER-2809

10/15/2003 10:00:00 00000110 011125 10026019

100.00 DA

PATENT  
Serial No. 10/026,019  
PAGE 1

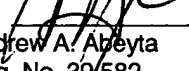
**THIS PAGE BLANK (USPTO)**

16, 2003 and the Supplemental Information Disclosure Statement and Form PTO 1449 filed with the Patent and Trademark Office on April 18, 2003.

4. The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor(s) and the information in the attorney's file.

5. The Office is authorized to charge Applicant's Deposit Account 01-1125 for any fee that may be due under 37 C.F.R. § 1.17(p) for consideration of this IDS and for any other fee that may be due.

Telephone: 602.313.3345  
Facsimile: 602.313.4559

By:   
Andrew A. Abeyta  
Reg. No. 39,582  
Attorney for Applicant

Honeywell International Inc. (Assignee)  
101 Columbia Road  
P.O. Box 2245  
Morristown, New Jersey 07962

**CERTIFICATE OF MAILING**


I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below addressed to the Assistant Commissioner of Patents, POB 1450, Alexandria, VA, 22313-1450:

☒ 37 CFR 1.8(a)(1)(A)  
With the United States Postal Service  
with sufficient postage as first class  
mail in an envelope.

☐ 37 CFR 1.8(a)(1)(B)  
by facsimile transmission to facsimile  
number \_\_\_\_\_

☐ 37 CFR 1.10  
with the United States Postal Service  
"Express Mail Post Office to Addressee"  
service. Mailing Label No. \_\_\_\_\_

Dated: Oct. 7, 2003

  
Andrew A. Abeyta, Reg. No. 39,582

**THIS PAGE BLANK (USPTO)**

OCT 09 2003

PTO/SB/08A (04-03)

Approved for use 04-30-2003. OMB 0651-0031

**This form is a Replica of PTO-SB-08A (04-03)**

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A-PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(USE AS MANY SHEETS AS NECESSARY)

Sheet	1	Of	2
-------	---	----	---

**COMPLETE IF KNOWN**

Applicati n Number	10/026,019
Filing Date	December 20, 2001
First Named Inventor	Ralph Johnson
Art Unit	2828
Examiner Name	Tuan M Nguyen
Attorney Docket Number	V637-002674 US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				
		US				

RECEIVED  
 OCT 16 2003  
 TECHNOLOGY CENTER 2800

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		EP	0 975 073	A1	01-26-2000	NEC Corporation		

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.01. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC, 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC, 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**THIS PAGE BLANK (USPTO)**

Approved for use 04-30-2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

OCT 09 2003

**This form is a Replica of PTO-SB-08A (04-03)**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B-PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE AS MANY SHEETS AS NECESSARY)

Sheet	2	Of	2
-------	---	----	---

**COMPLETE IF KNOWN**

<b>Application Number</b>	10/026,019
---------------------------	------------

<b>Filing Date</b>	December 20, 2001
--------------------	-------------------

<b>First Named Inventor</b>	Ralph Johnson
-----------------------------	---------------

Group Art Unit	2828
----------------	------

Examiner Name	Tuan M Nguyen
---------------	---------------

Attorney Docket Number | V637-02674 US

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC, 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC, 20231.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

**THIS PAGE BLANK (USPTO)**